

Year 2000 and 2001 Priority Actions

Action

#24 Dredged Materials Reuse

1 General Description of the Action

This action will complete the necessary pilot studies and projects needed to develop Best Management Practices for dredging and the reuse of non-saline dredged materials within the Delta. This action includes the development of a General Order - Waste Discharge Requirements, which requires environmental documentation. This action will take approximately 2 years.

Dredging to increase channel capacity and to provide material for ecosystem restoration, levee reconstruction, and subsidence control has been curtailed due to regulatory constraints, causing dredging equipment and trained manpower to leave the Delta.

Over the past decade it has become increasingly difficult to dredge in the Delta because of short work windows to satisfy endangered species requirements and Central Valley Regional Water Quality Control Board (CVRWQCB) waste discharge concerns. Because insufficient data are available to quantify impacts and establish acceptable dredging criteria, agencies regulate dredging activities more conservatively.

2 Cost Estimate

Preliminary pilot studies are being completed through a \$500,000 Directed Category III Grant. An estimated additional \$1,000,000 will be needed to complete this action. (\$500,000 for FFY 2000 and \$500,000 for FFY 2001)

3 Program Administration and Governance

The Levee Program is coordinating preliminary pilot studies through a \$500,000 Category III Grant. The study participants include the Delta Protection Commission, the Department of Fish and Game, and the Central Valley Regional Water Quality Control Board. This Action will continue this effort. CALFED/DWR will be the lead agency. No change in CALFED's current Program Administration or Governance is required to carry out this action.

4 Program Coordination

The Levee Program and Ecosystem Restoration Program could benefit from clean dredged material. The Storage and Conveyance Program could benefit from dredging Delta channels to increase flow capacity. We are coordinating with Steve Roberts, project manager of DWR's South Delta Improvements Project, which will benefit from this work. DWR's North Delta Improvement project will also benefit. The Reclamation Board is also interested in this effort from a flood control standpoint.

5 Schedule

This action will take 2 years (FFY 2000 and 2001). Preliminary work is currently underway using Category III funds that started in FFY 1999.

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Action

#27 Levees Subventions

1 General Description of the Action

The Delta Levee Maintenance Subventions Program was created in 1973 to provide assistance to local levee maintaining agencies for Delta Levee Maintenance. This action will continue this work and help transition into the Levee Program's Base Level Protection Plan. The purpose of this action is to improve levee integrity in the Delta. This action will demonstrate how the federal government can participate in CALFED's Levee Program.

2 Cost Estimate

For SFY 1998-99 the Subventions Program is being funding through the Safe, Clean, Reliable Water Supply Act, Division 24 of the California Water Code. This funding runs out June 30, 1999.

For SFY 1999-2000 \$7 million is needed from the State and in FFY 2000 \$1 million from the Federal Government. State funding is being pursued through three potential funding sources: a BCP, a bill authored by Assemblyman Machado AB 1521 and a Water Bond.

For SFY 2000-2001 \$12 million is needed from the State and in FFY 2001 \$1 million is needed from the Federal Government.

3 Program Administration and Governance

See attached organization charts for the Levee Program and CALFED's Levee Implementation Group. The LIG will be used to coordinate agency and stakeholder concerns.

Delta levee maintenance is described in the California Water Code, Division 6, Part 9 - Delta Levee Maintenance (commencing with Section 12980). It is the intent of the California Legislature that, to the extent allowed by existing requirements, levee rehabilitation will be consistent with CALFED's Delta ecosystem restoration strategy.

Congressional authorization may or may not be needed for federal government participation in CALFED's Levee Program.

4 Program Coordination

Program coordination will be necessary as shown on the attached organization charts for the Levee Program and CALFED's Levee Implementation Group. The LIG will be used to coordinate agency and Stakeholder concerns.

Additional coordination with DWR's SDI, NDI, and CALFED's Ecosystem Restoration Program is very important.

5 Schedule

This is an ongoing action.

Year 2000 and 2001 Priority Actions

Action

#28 Levees Special Projects

1 General Description of the Action

The Special Flood Control Projects Program was created in 1988 under SB 34 the Delta Flood Protection Act to provide funding for levee maintenance of eight western Delta Island. These islands have statewide significance for water quality. This action will continue this work and help transition into the Levee Program's Delta Levee Special Improvement Projects Plan. This action will demonstrate how the federal government can participate in CALFED's Levee Program.

2 Cost Estimate

In SFY 1998-99, the Special Flood Control Projects Program is being carried forward under funding provided by the Safe, Clean, Reliable Water Supply Act, Division 24 of the California Water Code. This funding runs out June 30, 1999.

For SFY 1999-2000 \$11 million is needed from the State and in FFY 2000 \$1 million from the Federal Government. State funding is being pursued through three potential funding sources: a BCP, a bill authored by Assemblyman Machado AB 1521 and a Water Bond.

For SFY 2000-2001 \$12 million is needed from the State and in FFY 2001 \$1 million is needed from the Federal Government.

3 Program Administration and Governance

See attached organization charts for the Levee Program and CALFED's Levee Implementation Group. The LIG will be used to coordinate agency and Stakeholder concerns.

Special Flood Control Projects Program is described in the California Water Code, Division 6, Part 4.8 - Delta Flood Protection, Chapter 2 - Special Flood Control Projects (commencing with Section 12310). It is the intent of the California Legislature that, to the extent allowed by existing requirements, levee rehabilitation will be consistent with CALFED's Delta ecosystem restoration strategy.

Congressional authorization may or may not be needed for federal government participation in CALFED's Levee Program.

4 Program Coordination

Program coordination will be necessary as shown on the attached organization charts for the Levee Program and CALFED's Levee Implementation Group. The LIG will be used to coordinate agency and Stakeholder concerns. Additional coordination with DWR's SDI, NDI, and CALFED's Ecosystem Restoration Program is very important.

5 Schedule

This is an ongoing action.

Year 2000 and 2001 Priority Actions

Action

#29 Emergency Response Program

1 General Description of the Action

The existing emergency response capabilities need to be continuously refined, and funding needs to be increased. The Emergency Management Plan will build on existing state, federal and local agency emergency management.

This action will improve response flexibility to ensure that appropriate resources are available and properly deployed, and provide for effective disaster recovery measures.

2 Cost Estimate

Current funding for Emergency Response is being provided by the Safe, Clean, Reliable Water Supply Act, Division 24 of the California Water Code. This funding runs out June 30, 1999. A \$10 million Emergency Response Fund needs to be developed to facilitate an effective emergency response capability. Approximately \$2 million is needed to keep the revolving fund fully funded.

For SFY 1999-2000 \$7 million is needed from the State and in FFY 2000 \$3 million from the Federal Government. State funding is being pursued through three potential funding sources: a BCP, a bill authored by Assemblyman Machado AB 1521 and a Water Bond.

For SFY 2000-2001 \$1 million is needed from the State and in FFY 2001 \$1 million is needed from the Federal Government.

3 Program Administration and Governance

See attached organization charts for the Levee Program and CALFED's Levee Implementation Group. The LIG will be used to coordinate agency and Stakeholder concerns.

Emergency Response is described in the California Water Code Section 128.

Congressional authorization may be needed for federal government participation in CALFED's Levee Program.

4 Program Coordination

Program coordination will be necessary as shown on the attached organization charts for the Levee Program and CALFED's Levee Implementation Group. The LIG will be used to coordinate agency and Stakeholder concerns.

Emergency response should also be coordinated with FEMA

5 Schedule

This is an ongoing action.

Year 2000 and 2001 Priority Actions

Action

30 Identify Risks to Delta Levees and Develop a Risk Management Strategy

1 General Description of the Action

Delta levees and islands are at risk of failure from floods, seepage, subsidence, earthquakes, and other threats. This action will identify the risks to Delta levees, evaluate the potential consequences of the levee failures and implement an appropriate risk management strategy. This action includes a preliminary study to quantify the scope and cost of the main study.

2 Cost Estimate

The estimated cost of the preliminary study is \$50,000 in SFY 1999-2000, with the main study estimated to be \$2 million (\$1 million in FFY 2000 and \$1 million in FFY 2001).

3 Program Administration and Governance

Calfed/DWR will administer the studies. It is anticipated that a "Risk Management" contractor would lead the main study.

4 Program Coordination

Levees & Channels Technical Team

5 Schedule

This action will take 2+ years (SFY 1999-2000, FFY 2000 and 2001). Periodic updating may be needed.

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Action

#14 North Delta Investigation

1 General Description of the Action

This action will develop a Feasibility Study and Environmental Documentation for the North Delta Investigation. Project components may include breaching Mc Cormack Williamson Tract, dredging, levee raising and levee setbacks on the lower Mokelumne River. CALFED is currently coordinating the North Delta Investigation reconnaissance study.

2 Cost Estimate

An estimated \$3 million will be needed to complete this action. (\$1 million for FFY 2000 and \$2 million for FFY 2001)

3 Program Administration and Governance

CALFED will provide stakeholder and agency coordination and DWR will administer the Feasibility Study and Environmental Documentation.

No change in CALFED's current Program Administration or Governance is required to carry out this action.

4 Program Coordination

Calfed's role is to **promote a regional solution** that provides ecosystem restoration, improved through Delta conveyance and flood control.

CALFED will continue to coordinate this investigation with 4 other concurrent flood control and ecosystem restoration projects in the North Delta watershed. These projects include:

- Sacramento County's Beach Stone Lakes Flood Control Plan,
- South Sacramento County Streams, Morrison Creek Stream Group
- Mokelumne River Feasibility Study (Directed Category III Action), and
- Consumnes River Feasibility Study (Directed Category III Action)

The participants include:

- SAFCA,
- Sacramento County,
- San Joaquin County,
- Delta Protection Commission,
- local land owners,
- EBMUD,
- TNC,
- US Army Corps of Engineers, and
- The Reclamation Board

5 Schedule

This action will take 2 years (FFY 2000 and 2001). A reconnaissance study is currently underway.